

## Technical Data Sheet

# MAESTRO 2C PU PARQUET LACQUER - GLOSSY

*colourless two-component lacquer based on polyurethane*



<b>product description:</b>	Colourless two-component lacquer based on polyurethane binders in organic solvent and special additives.
<b>area of application:</b>	Protection and decoration of parquet and other wood flooring.
<b>assortment:</b>	MAESTRO PARQUET LACQUER– glossy
<b>properties:</b>	The product is: Excellent mechanical strength High hardness Long duration time Resistant to wear and weak chemicals
<b>thinner:</b>	Lacquer should not be diluted! If dilution is needed, apply up to 5% of Maestro retardant on a total amount of Maestro lacquer mixture before the finish coat application.
<b>mixing ratio:</b>	1:1
<b>coating appearance:</b>	High gloss (95 – 100 %) and full film thickness
<b>coverage:</b>	10 m <sup>2</sup> /l for 1 layer
<b>consumption:</b>	0.1 l/ m <sup>2</sup> for 1 layer
<b>density:</b>	1.05 kg/l (EN ISO 2811-1)
<b>viscosity:</b>	16 – 20 s (EN ISO 2431; DIN 4, 20 °C)
<b>non-volatile-matter content:</b>	50 – 55 % (EN ISO 3251)
<b>volatile organic compound (VOC) content:</b>	A(j), 500 g/l; max: 499 g/l (EN ISO 11890-1)
<b>working conditions:</b>	The temperature of the air, material and substrate during processing must be higher than +10 ° C, less than +25 ° C, and relative humidity less than 75 %.
<b>previous coating:</b>	MAESTRO impregnation
<b>application:</b>	Before applying the parquet lacquer the wax should be removed from the old parquet and the old lacquer thoroughly sanded. For sanding, use sandpaper No.150. Clean the grinding dust with a vacuum cleaner. <b>Mix each component well before use!</b> In a clean and dry container, mix lacquer and contact in a volume or weight ratio of 1: 1, homogenize the mixture well, let it stand for a 15 min, and stir again before application. Immediately close packages with remaining lacquer and contact due to lack of moisture contact! The open time (hardening) of the mixture is 6 - 8 hours (so prepare only the amount of mixture required for one layer). Apply the mixture with a special roller with short hair, quickly and evenly. It is necessary to apply three coats of lacquer, dry (parquet humidity 8-10%), sanded and cleaned parquet. If the process of surface protection of parquet is to be significantly accelerated, MAESTRO impregnation is used as the base layer and / or MAESTRO parquet gel as the intermediate layer before the final coat of lacquer. Lightly sand the dried first and second coat with sandpaper no. 150 (manual grinding) or no. 240 - 280 (manual grinder) and remove the grinding dust with a vacuum cleaner. <b>A layer of Maestro impregnation or Maestro parquet gel should not be sanded!</b> Maestro equipment should be entirely washed only in Maestro equipment cleaner. For any additional info, please contact a Chromos-Svjetlost technical advisor.

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<b>drying time:</b>	Touch dry: 1 – 2 hours/ 20 °C at 65 % relative humidity and good ventilation. For sanding: 24 hours Completely dry: 48 hours
<b>overcoating interval:</b>	24 hours, at optimal working conditions (18 – 22 °C, relative humidity 65 %).
<b>application systems:</b>	<p>I Maestro parquet lacquer 3 x (roller)</p> <p>II Maestro impregnation 1 x (roller) or 2x (trowel) Maestro parquet lacquer 2 x (roller)</p> <p>III Maestro impregnation 1 x (roller) or 2x (trowel) Maestro parquet lacquer 1 x (roller) Maestro parquet gel 1 x (trowel) Maestro parquet lacquer 1 x (roller)</p> <p>IV Maestro impregnation 1 x (roller) or 2x (trowel) Maestro parquet lacquer 2 x (roller) Maestro parquet gel 1 x (trowel) Maestro parquet lacquer 1 x (roller)</p>
<b>transport and storage:</b>	Store in a dry and well-ventilated place out of direct sunlight at a temperature of +5 to +25 °C. Do not expose the product to direct sunlight.
<b>shelf life:</b>	In unopened packaging 24 months from the date of production.
<b>certificates:</b>	For each production batch, the relevant documentation is submitted.
<b>product/packaging disposal:</b>	Empty the packaging completely. Dispose of in accordance with valid regulations to an authorized waste collector.
<b>quality control:</b>	Product quality characteristics are determined by internal production specifications, as well as European and Croatian standards. The product is under the constant supervision of factory quality control Chromos-Svjetlost d.o.o.
<b>disclaimers:</b>	<p>Before using the product, please check its quality. In case of any major deviations from the declared properties of the product, stop the use and contact the manufacturer; otherwise any subsequent complaints will not be accepted.</p> <p>Technical data are the result of our technical and experimental knowledge, and are provided with the intention of achieving optimal results in working with CHROMOS-SVJETLOST products. The data does not contain a legal or secondary obligation of the manufacturer nor does it release the user from the obligation to check the suitability of the product for particular purpose. Due to the use of natural raw materials in our products, minor deviations from certain values are possible for individual deliveries. Contact our Technical service before use on substrates not listed in the accompanying documentation. The manufacturer reserves the right to make any subsequent changes to the Technical Data Sheet. Only the latest edition is valid. Updated Technical Data Sheets can be found on the website <a href="http://www.chromos-svjetlost.hr">www.chromos-svjetlost.hr</a> or can be requested from the manufacturer via the contact e-mail address below. Contact our Technical service for more detailed information. Be sure to read the safety labels on the product packaging before use. Safety Data Sheet is available on request.</p>

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